



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.1305
Job Sheet 208615



Part No: 647.1305

Job Qty: 1 pcs

Part Name: EC145 Cable Cutter System Removable Provisions U Channel Compatible



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 3/27/20

Job Tracking No:

Due Date: 4/24/20

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: 647.1305 REV E IPP REV:A NEW ISSUE 13.07.16 JLM VERIFIED BY:DD IPP REV:B 14.07.31 AS PER ECN C2 DD VERF:JLM IPP REV:C 15.07.09 AS PER REV D DD VERIFIED BY:JLM IPP REV:D 18.05.02 AS PER REV.E JFS VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
110	Packaging 1 - Pick Kit	1 pcs		4/24/20	0.00	0.00	Packaging 1 - 1	
							Packaging 1 - 2	DAS
							Packaging 1 - 3 ✓	80
							Packaging 1 - 4	9-89
							Packaging 1 - 5	
							Packaging 1 - 6	
							Packaging 1 - 7	
							Packaging 1 - 8	
							Packaging 1 - 9	
							Packaging 1 - 10	
							Packaging 1 - 11	
							Packaging 1 - 12	
							Packaging 1 - 13	
							Packaging 1 - 14	
							Packaging 1 - 15	
							Packaging 1 - 16	
							Packaging 1 - 17	
							Packaging 1 - 18	
							Packaging 1 - 19	
							Packaging 1 - 20	
							Packaging 1 - 21	
							Packaging 1 - 22	
							Packaging 1 - 23	
							Packaging 1 - 24	
							Packaging 1 - 25	
							Packaging 1 - 26	
							Packaging 1 - 27	
							Packaging 1 - 28	
							Packaging 1 - 29	
							Packaging 1 - 30	



Dart Aerospace Ltd.
1270 Aberdeen Street
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S267820



Part: 647.1305

Job No: 208615

Serial No/Batch: S267820

Revision: E

Inspector:

Exp Date:

Instructions: FAA STC SR02290LA 16/06/14, TC STC LoA R

					Packaging 1 - 31	
					Packaging 1 - 32	
					Packaging 1 - 33	
					Packaging 1 - 34	
					Packaging 1 - 35	
					Packaging 1 - 36	
					Packaging 1 - 37	
120	QC 4	1 pcs	4/24/20	0.00 0.00	QC 4 - 28	
					QC 4 - 58	
					QC 4 - 69	
					QC 4 - 9	
					QC 4 - 46	
					QC 4 - 68	
					QC 4 - 72	
					QC 4 - 74	
					QC 4 - 75	
					QC 4 - 78	
					QC 4 - 84	
					QC 4 - 80	
					QC 4 - 85	
130	Packaging 3-1 - Stock - B4B	1 pcs	4/24/20	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
					Packaging 3 - 37 - B4B	
135	DC - 1 - B4B	1 pcs	4/24/20	0.00 0.00	DC - 1 - B4B	
					DC - 2 - B4B	

Plex 3/27/20 8:00 AM Dart.lajeunesse.marie

140 QC 21 - SA	1 pcs	4/24/20	0.00 0.00	QC 21 - SA - 21	DAS
				QC 21 - SA - 70	21 APR 01 2020
				QC 21 - SA - 53	3-02

Part Op 110 - (Pick Kit)

Descriptions: 120 - (QC4- 100% Inspect kits for completeness)

130 - (Identify as per dwg & Stock Location: _____) Identify and pack for shipping as per PPP 647.1305 EXPIRY DATE

OF: RTV Loctite 598: _____ MAGNOBOND 6398 PART 1: _____ MAGNOBOND 6398 PART

2: _____ SEALANT PR-1425: _____ ***INDICATE ON BOX EXPIRY DATE OF RTV,

MAGNOBOND PART1, MAGNOBOND PART2 AND SEALANT PR-1425 ***

135 - (Document Control) Photocopy bluefile & type labels per PPP 647.1305

140 - (QC21- Final Inspection - Work Order Release) *** Enter exp. date in lot maintenance for RTV loctite 598, MAGNOBOND PART1, MAGNOBOND PART2 AND SEALANT PR-1425***

(015271)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container	Exp Date
600.0990 ✓	Magnabond 6398 Part A Size 112 ml	1 Ea (1 ea) ✓	110-Packaging 1 - Pick Kit	5248655 ✓ 09/	30/2020
600.0991 ✓	Magnabond 6398 Part B Size 112 ml	1 Ea (1 ea) ✓	110-Packaging 1 - Pick Kit	5248659 ✓ 09/	30/2020
600.1012 ✓	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5233579 ✓ 05/	31/2020
601.2045 ✓	RTV (LOCTITE 598) 08/21	1 Ea (1 ea) ✓	110-Packaging 1 - Pick Kit	5253891 ✓ 08/	06/2021
601.2999 ✓	Screw	3 pcs (3 ea) ✓	110-Packaging 1 - Pick Kit	5233930 ✓	
647.0112 ✓	Strut Bracket	8 pcs (8 ea) ✓	110-Packaging 1 - Pick Kit	5258631 ✓	
647.1402 ✓	Lower Cutter Assembly	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5257704 ✓	
647.1403 ✓	Upper Cutter Assembly, U-Channel	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5256972 ✓	
647.1601 ✓	Wiper Deflector Aft	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5244481 ✓	
647.1610 ✓	Wiper Deflector Fwd	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5112992 ✓	
647.1702 ✓	Skid Deflector Assembly	2 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	5267164 ✓	
647.2010 ✓	Upper Strut	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	891895 ✓	
647.2011 ✓	Lower Strut	2 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	5256200 ✓	
647.2113 ✓	Lower Rail, U-Channel	1 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	5166050 ✓	
90965A160 ✓	Washer 601.2375	3 Ea (3 ea) ✓	110-Packaging 1 - Pick Kit	5073066 ✓	
91292A080 ✓	Screw	4 pcs (4 ea) ✓	110-Packaging 1 - Pick Kit	5031240 ✓	
93475A270 ✓	Washer	8 pcs (8 ea) ✓	110-Packaging 1 - Pick Kit	5081227 ✓	
93625A300 ✓	Locknut D5678-1	4 pcs (4 ea) ✓	110-Packaging 1 - Pick Kit	5227139 ✓	
AN3-11A ✓	Bolt	12 Ea (12 ea) ✓	110-Packaging 1 - Pick Kit	5249339 ✓	
AN3-15A ✓	Bolt	5 Ea (5 ea) ✓	110-Packaging 1 - Pick Kit	5264517 ✓	
AN3C10A ✓	Bolt	2 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	5241209 ✓	
LN9025-0820K ✓	Lock Tab Washer	8 Ea (8 ea) ✓	110-Packaging 1 - Pick Kit	5232570 ✓	
LN9037-08018 ✓	Screw	8 pcs (8 ea) ✓	110-Packaging 1 - Pick Kit	5232833 ✓	
MS21042-08 ✓	Use MS21042L08 ✓	4 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	5250462 ✓	
MS21042-3 ✓	Nut use MS21042L3 per QSI 017 ✓	19 Ea (19 ea) ✓	110-Packaging 1 - Pick Kit	5248081 ✓	
MS21042L4 ✓	Nut	4 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	5265315 ✓	
MS27039-08-13 ✓	Screw	4 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	5123937 ✓	
MS27039-1-14 ✓	Screw	4 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	5162000 ✓	
NAS1149F0332P ✓	Washer (AN960-10L)	42 Ea (42 ea) ✓	110-Packaging 1 - Pick Kit	5237779(x18) 5264512 (x24) ✓	
NAS1149F0432P ✓	Washer (AN960-416L)	8 Ea (8 ea) ✓	110-Packaging 1 - Pick Kit	5259479 ✓	
NAS1149FN832P ✓	Washer (AN960-8)	8 Ea (8 ea) ✓	110-Packaging 1 - Pick Kit	5248080 ✓	
NAS6604-66 ✓	Bolt	4 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	5257347 ✓	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	600.0990	1	43	0
	600.0991	1	46	0
	600.1012	1	29	0
	601.2045	1	29	0
	601.2999	3	26	0
	647.0112	8	184	0
	647.1402	1	2	0
	647.1403	1	3	0
	647.1601	1	6	0
	647.1610	1	25	0
	647.1702	2	0	0
	647.2010	2	18	0
	647.2011	2	12	0
	647.2113	1	9	0
	90965A160	3	77	0
	91292A080	4	4	0
	93475A270	8	45	0
	93625A300	4	34	0
	AN3-11A	12	273	0
	AN3-15A	5	47	0
	AN3C10A	2	20	0
	LN9025-0820K	8	268	0
	LN9037-08018	8	187	0
	MS21042-08	4	2	0
	MS21042-3	19	339	0
	MS21042L4	4	2,787	0
	MS27039-08-13	4	207	0
	MS27039-1-14	4	209	0
	NAS1149F0332P	42	4,009	0
	NAS1149F0432P	8	1,460	0
	NAS1149FN832P	8	3,377	0
	NAS6604-66	4	5	0

Part Specifications

Specifications could not be found.

Plex 3/27/20 8:00 AM Dart.lajeunesse.marie

Entered: _____ Date: _____



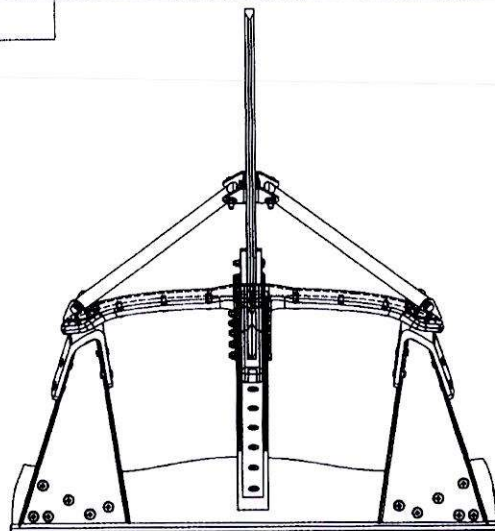
WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

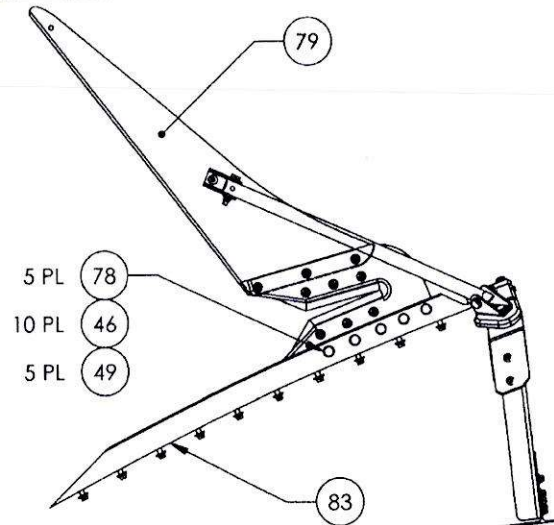
Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor		
			QC / QA Coordinator		
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

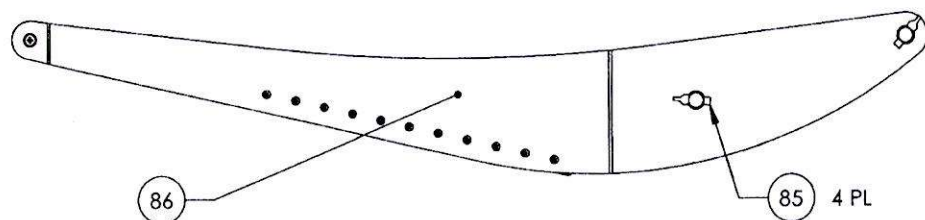
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DETAIL A
WITH U CHANNEL $\frac{4}{B3}$

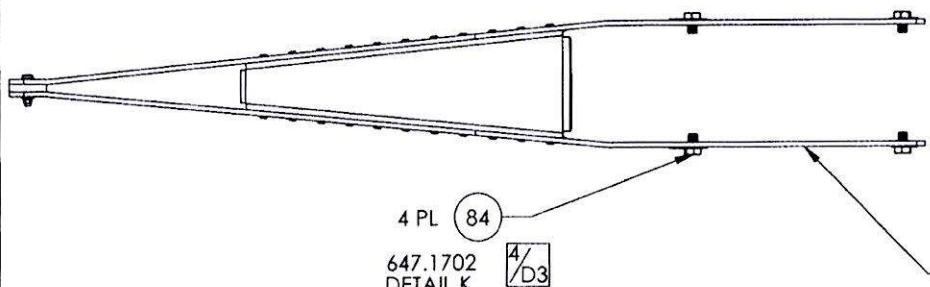


5 PL 78
10 PL 46
5 PL 49



86

85 4 PL



4 PL 84

647.1702
DETAIL K
ALTERNATE CONFIGURATION
FOR P/N 647.1303

$\frac{4}{D3}$

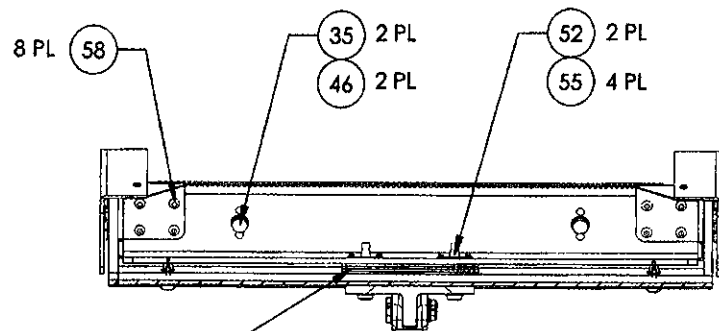
ORIGINAL DATE
1/20/00
DRAWN BY
P. ROSSANO
CHECKED
D. BARKER
DRAWING APPROVAL
P. BRAYO
DATE
1/20/00
CONTRACT NO.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ± .01
3 PLACE DECIMALS ± .005
ANGLES ± .5°

DART AEROSPACE		3030 ENTERPRISE CT. SUITE A VISTA, CA. 92081 (760)-724-5300	
AFICAL INDUSTRIES, INC. AEROSPACE		EC145 CABLE CUTTERS KIT	
SIZE B	CAGE CODE D7M16	DWG. NO. 647.1300	REV. E
SCALE NONE		SHEET 10 OF 10	

1 2 3 4 5 6 7 8

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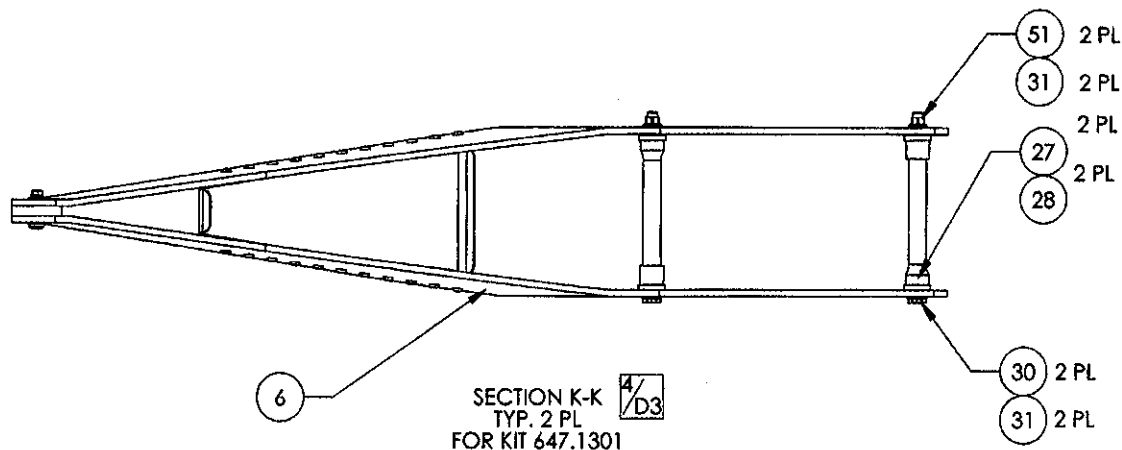
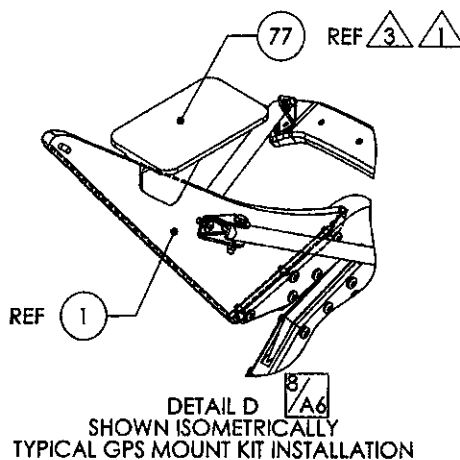


A/R (26)

A/R (71)

A/R (72)

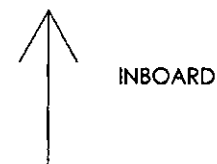
SECTION O-O $\frac{8}{A6}$



SECTION K-K $\frac{4}{D3}$

TYP. 2 PL

FOR KIT 647.1301



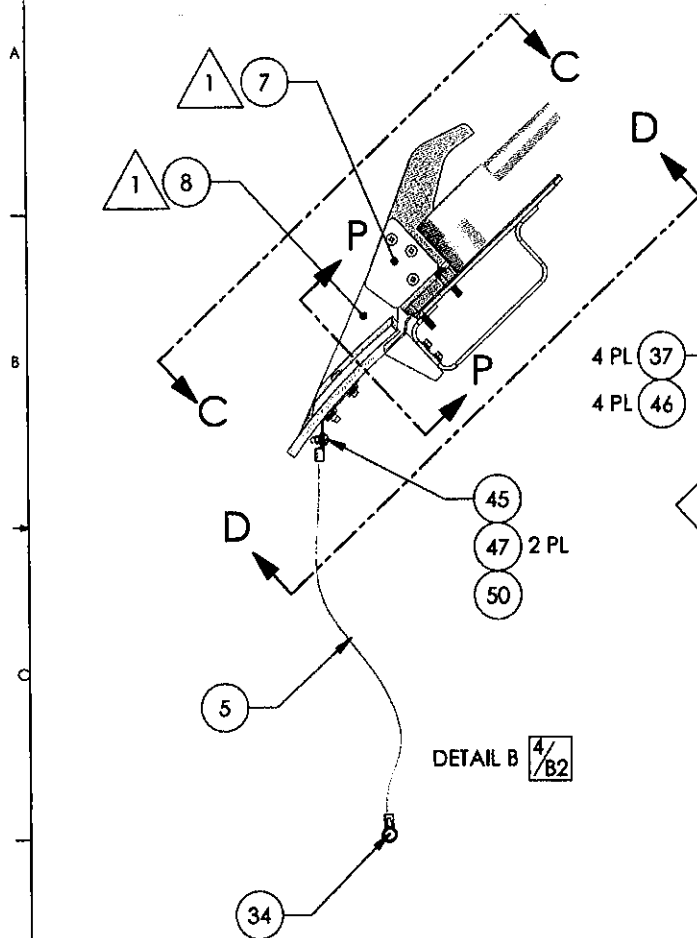
ORIGINAL DATE 07/26/09		3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760)-724-5300	
DRAWN BY N. WOSANO	CHECKED BY D. BARKER	DART AEROSPACE APICAL MOUNTING INC. 3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760)-724-5300	
DRAWING APPROVAL P. BRAVO			
CONTRACT NO.		EC145 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACES DECIMALS & 01 2 PLACES DECIMALS & 01 ANGLES & 5°		SHEET B	CAGE CODE 07A026 DWG. NO. 647.1300 SCALE NONE
		REV. E	SHEET 9 OF 10

A vertical number line with tick marks at every integer from 2 to 8. The numbers 2, 3, 4, 5, 6, 7, and 8 are labeled next to their respective tick marks.

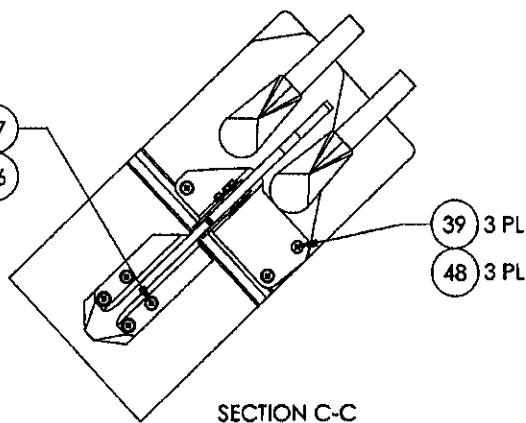
SECTION G-G
C3

3000 ENTERPRISE CT. SUITE A VISTA, CA 92081 (760) 747-5500															
GORDON L. BOYER PRESIDENT D. NORMAN P. MAYER VICE PRESIDENT J. RANDY APPROVA VICE PRESIDENT DANIEL C. FINE VICE PRESIDENT		FC145 CABLE CUTTERS KIT <table><tr><td>SHEET</td><td>CAGE CODE</td><td>QWG. NO.</td><td>REV.</td></tr><tr><td>SCALE</td><td>NONE</td><td>647.1300</td><td>E</td></tr><tr><td>SHEET</td><td>B OF 10</td><td></td><td></td></tr></table>		SHEET	CAGE CODE	QWG. NO.	REV.	SCALE	NONE	647.1300	E	SHEET	B OF 10		
SHEET	CAGE CODE	QWG. NO.	REV.												
SCALE	NONE	647.1300	E												
SHEET	B OF 10														
DRAFT ONLY - NOT FOR CONSTRUCTION! 1. THIS DRAWING IS THE PROPERTY OF DART AEROSPACE. 2. IT IS TO BE USED ONLY FOR THE PROJECT AND FOR THE CLIENT FOR WHICH IT WAS PREPARED. 3. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE.															

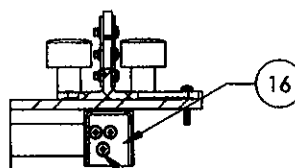
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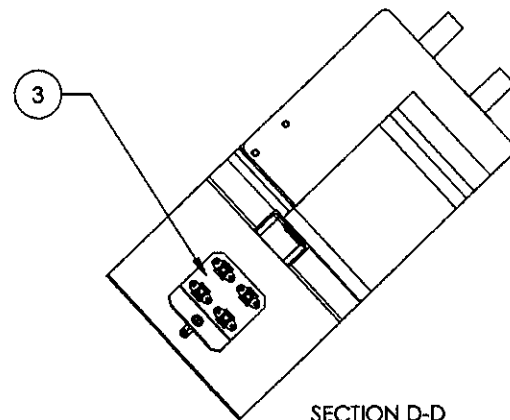
4 PL 37
4 PL 46



SECTION C-C



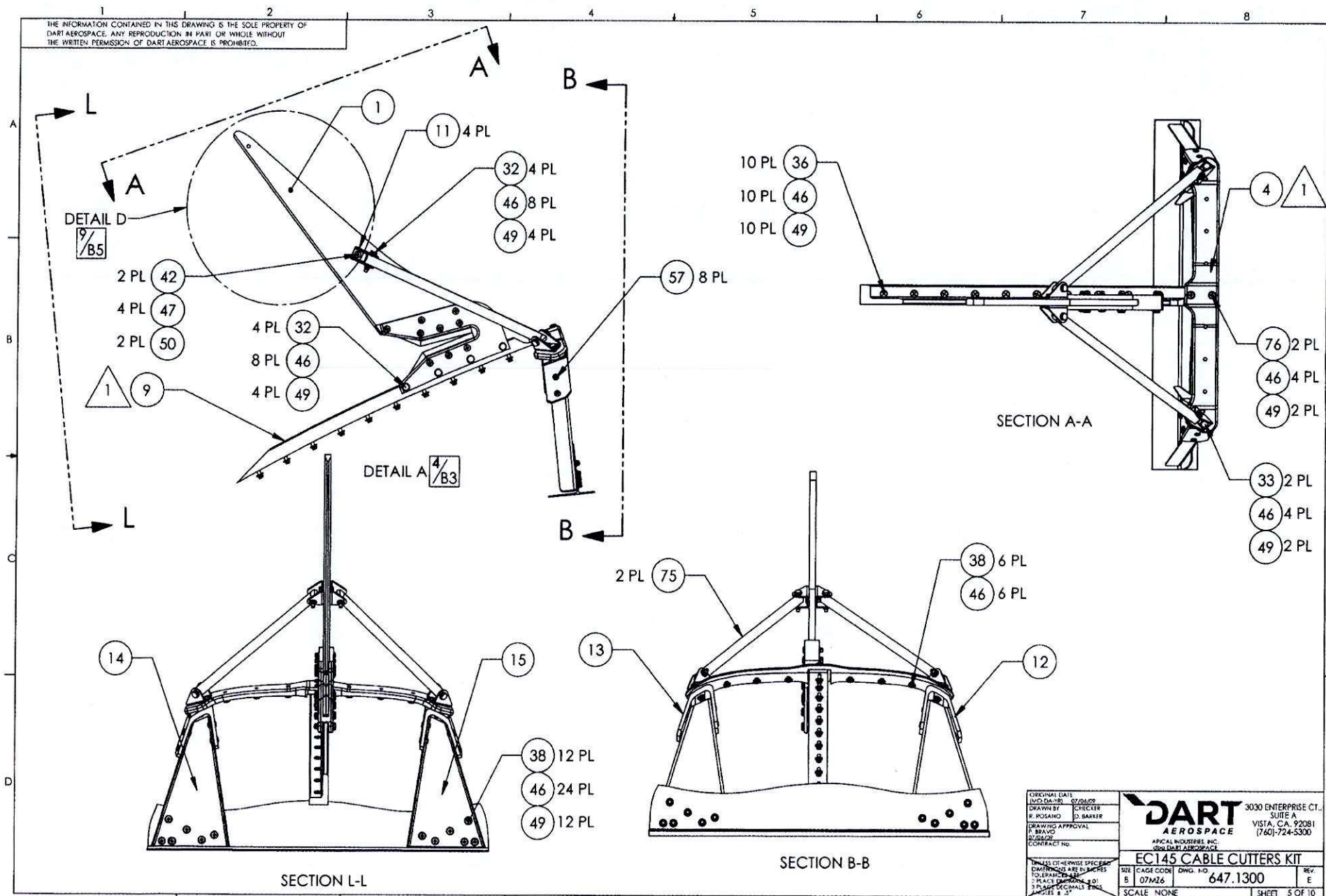
SECTION P-P



SECTION D-D

ORIGINAL DATE 1/20/04-VIS 07/26/08		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY R. ROSANO	DESIGNED BY D. BARKER	APICAL INDUSTRIES, INC. 6800 DART AEROSPACE	
DRAWING APPROVAL P. BRAY	CONTRACT NO.	EC145 CABLE CUTTERS KIT	
TOLERANCES UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DECIMALS .01 2 PLACE DECIMALS .005 ANGLES ± .5°		SHEET 8 OF 10 CAGE CODE 07426	DWG. NO. 647.1300 REV. E
SCALE NONE		SHEET 6 OF 10	

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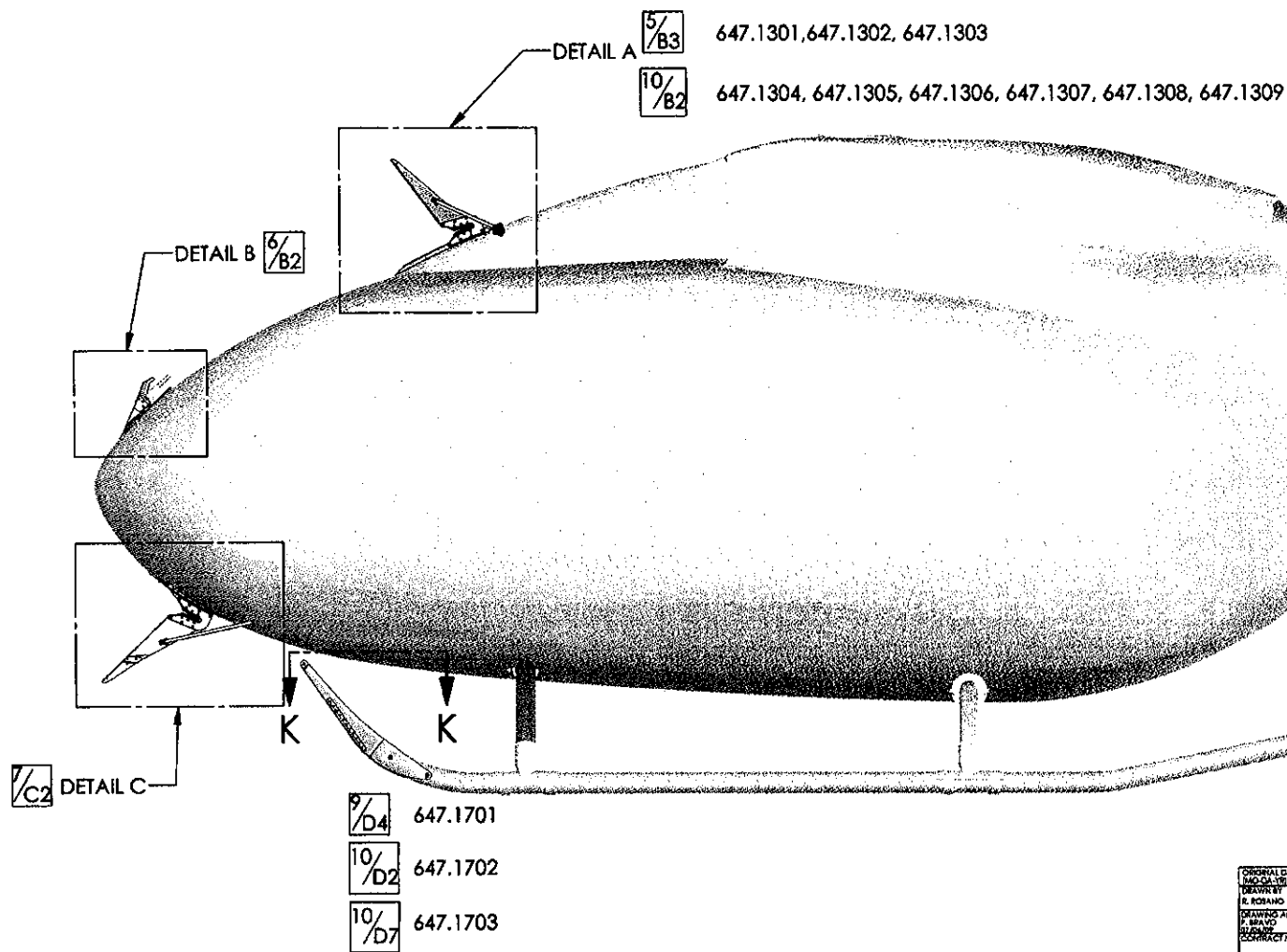


ORIGINAL DATE 07/04/09		3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760)-724-5300	
DRAWN BY P. ROSARIO		CHECKER D. BAKER	
DRAWING APPROVAL P. BRAVO		APPROVAL D. BAKER	
CONTRACT NO.		SCALE NONE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS SHALL BE 3 PLACES DECIMALS ANGLES 8°		SHEET 5 OF 10	
SIZE B		CAGE CODE 07M26	
DWG. NO. 647.1300		REV. E	

DART AEROSPACE

EC145 CABLE CUTTERS KIT

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ORIGINAL DATE		3030 ENTERPRISE CT., SUITE A	
DRAWN BY		VISTA, CA, 92081 (760) 724-5300	
R. ROSANO		D. BARKER	
DRAWING APPROVAL		APCAL INDUSTRIES, INC.	
P. BAIRD		647.1300	
CONTRACT NO.		EC145 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		DWG. NO. 647.1300	
TOLERANCES ARE:		REV. E	
1 PLACE DECIMALS .01		SCALE NONE	
2 PLACE DECIMALS .001		SHEET 4 OF 10	
3 PLACE DECIMALS .0005			

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	2	2								89	647.1703	T2 SKID DEFLECTOR ASSY	
	8	8								88	601.3812	LOCK TAB	LN9023AB-1.4544.9
			2	2						87	647.1702	SKID DEFLECTOR ASSY	△
	1	1	1	1						86	647.2113	LOWER RAIL (U CHANNEL KIT)	
			8	8						85	601.3655	WASHER	LN9025-0820K
	8	8	8	8						84	601.3654	SCREW	LN9037-08018
1	1	1	1	1						83	647.2112	UPPER U CHANNEL	
	8	8	8	8						82	601.3653	WASHER	93475A270
	4	4	4	4						81	601.3652	LOCKNUT	93625A300
	4	4	4	4						80	601.3651	SCREW	91292A080
	1	1	1	1						79	647.1403	CUTTER ASSY (UPPER U CHANNEL)	
	5	5	5	5						78	601.3650	BOLT	AN3-15A
REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	77	647.5701	GPS MOUNT KIT	△
2	2	2	2	2	2	2	2	2	2	76	601.1954	SCREW	MS27039-1-17
	2	2	2	2	2	2	2	2	2	75	647.2010	UPPER STRUT	
1	1	1	1	1	1	1	1	1	1	74	601.2045	RTV	LOCTITE 598
1	1	1	1	1	1	1	1	1	1	73	600.1012	SEALANT	PR-1425 CLASS B
1	1	1	1	1	1	1	1	1	1	72	600.0991	MAGNOBOND 6398	
1	1	1	1	1	1	1	1	1	1	71	600.0990	MAGNOBOND 6398 PART A	
4	4	4	4	4	4	4	4	4	4	70	601.3012	SCREW	MS27039-1-15
2	2	2	2	2	2	2	2	2	2	69	601.3004	CAMLOC STUD	
2	2	2	2	2	2	2	2	2	2	68	601.3005	CAMLOC RETAINER	
2	2	2	2	2	2	2	2	2	2	67	601.3006	CAMLOC RECEPTACLE	
3 FT.	3 FT.	3 FT.	3 FT.	3 FT.	3 FT.	3 FT.	3 FT.	3 FT.	3 FT.	66	601.3011	P-SEAL	
1.1 FT.	1.1 FT.	1.1 FT.	1.1 FT.	1.1 FT.	1.1 FT.	1.1 FT.	1.1 FT.	1.1 FT.	1.1 FT.	65	601.3007	GROMMET	MS21266-2N
2	2	2	2	2	2	2	2	2	2	64	601.3008	INSERT	NAS1834C3-300
12	12	12	12	12	12	12	12	12	12	63	601.2364	RIVET	CR3213-4-8
16	16	16	16	16	16	16	16	16	16	62	601.2468	RIVET	CR3213-4-7
11	11	11	11	11	11	11	11	11	11	61	601.2991	RIVET	CR3213-4-6
2	2	2	2	2	2	2	2	2	2	60	601.1039	RIVET	CR3213-4-2
8	8	8	8	8	8	8	8	8	8	59	601.1183	RIVET	CR3213-4-5
22	22	22	22	22	22	22	22	22	22	58	601.0790	RIVET	CR3213-4-3
8	8	8	8	8	8	8	8	8	8	57	601.2995	RIVET	CR3213-6-6
4	4	4	4	4	4	4	4	4	4	56	601.1915	RIVET	CR3213-4-4
12	12	12	12	12	12	12	12	12	12	55	601.2207	NUTPLATE RIVET	CCR264SS-3-03
4	4	4	4	4	4	4	4	4	4	54	601.1983	NUTPLATE RIVET	CCR274SS-3-03
12	12	12	12	12	12	12	12	12	12	53	601.2980	NUTPLATE RIVET	CCR264SS-3-04
12	12	12	12	12	12	12	12	12	12	52	600.0795	NUTPLATE	MS21047-3
.1309	.1308	.1307	.1306	.1305	.1304	.1303	.1302	.1301	FIND #	PART #	DESCRIPTION	MATL	SPEC.

BOM Table(Restructured)

ORIGINAL DATE: 07/04/09
 DRAWN BY: E. KOSANO
 CHECKED BY: D. BARBER
 DESIGNED BY: APPROVAL
 P. BLAYNE
 GROUP: 600000
 CONTRACT NO.

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ARE:
 1) FRACTIONS .001
 2) DECIMALS .005
 3) ANGLES .5°

		3030 ENTERPRISE CT., SUITE A	
		VISTA, CA 92081 (760) 724-5500	
			
1/2" (PAGE CODE)	8	DWG. NO.	647.1300
SCALE	NONE	REV.	E
SHEET		3 OF 10	

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE IS PROHIBITED.

	4	4		4	4		4	4	51	601.3209	LOCKNUT	MS21042L4	
1	4	5	1	4	5	1	8	9	50	601.2973	LOCKNUT	MS21042-08	
27	19	46	27	19	46	27	18	45	49	601.2943	LOCKNUT	MS21042-3	
	3	3		3	3		3	3	48	601.2375	WASHER		
2	8	10	2	8	10	2	16	18	47	601.2764	WASHER	NAS1149FN832P	
62	42	104	62	42	104	62	40	102	46	601.1607	WASHER	NAS1149F0332P	
1		1	1			1	1		45	601.2525	SCREW	MS27039-0807	
4		4	4		4	4		4	44	601.1952	SCREW	MS27039-1-20	
							4	4	43	601.3010	SCREW	MS27039-0810	
	4	4		4	4		4	4	42	601.2988	SCREW	MS27039-0813	
6		6	6		6	6		6	41	601.1365	SCREW	MS27039-1-10	
3		3	3		3	3		3	40	601.2198	SCREW	MS27039-1-07	
	3	3		3	3		3	3	39	601.2999	SCREW		
18		18	18		18	18		18	38	601.2459	SCREW	MS27039C1-06	
	4	4		4	4		4	4	37	601.1622	SCREW	MS27039-1-14	
10		10	10		10	10		10	36	601.2051	SCREW	MS24694C52	
2		2	2		2	2		2	35	601.2823	BOLT	AN3-4A	
1		1	1		1	1		1	34	601.1324	BOLT	AN4CH6A	
	2	2		2	2		2	2	33	601.1874	BOLT	AN3C10A	
	12	12		12	12		16	16	32	601.2826	BOLT	AN3-11A	
	8	8		8	8		8	8	31	601.2638	WASHER	NAS1149FD432P	
	4	4		4	4		4	4	30	601.3002	BOLT	NAS6604-66	
2		2	2		2	2		2	29	647.1811	SPACER		
4		4	4		4	4		4	28	647.2511	NUT		
4		4	4		4	4		4	27	647.2510	SLEEVE		
13		13	13		13	13		13	26	647.1812	SHIM		
4		4	4		4	4		4	25	647.1910	CLIP		
1		1	1		1	1		1	24	647.1810	NOSE DOOR DOUBLER		
1		1	1		1	1		1	23	647.1818	NOSE DOOR SPACER		
2		2	2		2	2		2	22	647.1813	ANGLE		
1		1	1		1	1		1	21	647.1913	TEE		
1		1	1		1	1		1	20	647.1814	GUSSET, LH		
1		1	1		1	1		1	19	647.1815	GUSSET, RH		
1		1	1		1	1		1	18	647.1915	SUPPORT ANGLE		
	2	2		2	2		2	2	17	647.2011	LOWER STRUT		
1		1	1		1	1		1	16	647.1914	BRACKET		
1		1	1		1	1		1	15	647.1816	SUPPORT, LH		
.1309	.1308	.1307	.1306	.1305	.1304	.1303	.1302	.1301	FIND #	PART #	DESCRIPTION	MATL	SPEC.

BOM Table (Restructured)

ORIGINAL DATE 07/04/09	DART AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760) 724-5300
DRAWN BY R. ROSANO	
CHECKED BY J. BARKER	
DRAWING APPROVAL F. BRAND DRAGON	
CONTRACT NO.	SPECIAL PROJECTS, INC. 300 JAMES AEROSPACE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°	
SEE EXHAUSTIVE B 07/02/06	DWG. NO. 647.1300
SCALE: NONE	REV. E SHEET 2 OF 10

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NOTES: UNLESS OTHERWISE SPECIFIED

- 1 AFTER INSTALLATION, APPLY F/N 73 A/R TO FILL GAPS AND FILLET EDGES
- 2 APPLY F/N 74 TO FAYING SURFACES
- 3 AT CUSTOMERS OPTION, INSTALL F/N 77 BY MATCH DRILLING ONTO F/N 1
- 4 INSTALL FOR 647.1301, 647.1302.
- 5 INSTALL FOR 647.1304, 647.1305.
- 6 APPLICABLE WHEN EUROCOPTER P/N 145-250014.11 IS INSTALLED WITH EUROCOPTER CABLE CUTTER FIXED PROVISIONS.
- 7 APPLICABLE WHEN REPLACING EUROCOPTER P/N 145-250074.11
- 8 INSTALL WITH:
647.1304
647.1305
647.1307
647.1308

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
N/C	LAST PROTOTYPE REVISION: PED		N/C
N/C	INITIAL RELEASE	08/05/07	P. BRAVO
A	INCORPORATED ECH 02943, 03020, 03048	01/25/11	P. BRAVO
B	INCORPORATED ECH 03919	07/05/13	P. BRAVO
C	INCORPORATED ECH 04059	08/13/13	P. BRAVO
D	INCORPORATED ECH'S 04485, 045921 & 04974	06/17/15	P. BRAVO
E	INCORPORATED ECH 05950	03/20/16	P. BRAVO

1		1	1		1	1		1	14	647.1817	SUPPORT, RH			
1		1	1		1	1		1	13	647.1912	BRACKET, LH			
1		1	1		1	1		1	12	647.1911	BRACKET, RH			
	8	8		8	8			8	8	11	647.0112	STRUT BRACKET		
								1	1	10	647.2110	LOWER RAIL		
						1		1	9	647.2111	UPPER RAIL			
	1	1		1	1			1	1	8	647.1610	WIPER DEFLECTOR, FWD		
	1	1		1	1			1	1	7	647.1601	WIPER DEFLECTOR ASSY, AFT		
								2	2	6	647.1701	SKID DEFLECTOR ASSY		
1		1	1		1	1			1	5	647.3201	GROUNDING CABLE ASSY		
1		1	1		1	1			1	4	647.2201	CROSS ASSY		
1		1	1		1	1			1	3	647.1602	DOUBLER ASSY		
	1	1		1	1			1	1	2	647.1402	CUTTER ASSY (LOWER)		
								1	1	1	647.1401	CUTTER ASSY (UPPER)		
X											647.1309	EC145 T2 FIXED PROVISIONS KIT		
	X										647.1308	EC145 T2 REMOVABLE PROVISIONS KIT		
		X									647.1307	EC145T2 CABLE CUTTERS KIT		
			X								647.1306	FIXED PROVISIONS KIT U CHANNEL		
				X							647.1305	REMOVABLE PROVISIONS KIT U CHANNEL	△	
					X						647.1304	EC145 CABLE CUTTERS KIT U CHANNEL COMPATIBLE	△	
						X					647.1303	FIXED PROVISIONS KIT		
							X				647.1302	REMOVABLE PROVISIONS KIT		
								X			647.1301	EC145 CABLE CUTTERS KIT		
.1309	.1308	.1307	.1306	.1305	.1304	.1303		.1302	.1301	FIND #	PART #	DESCRIPTION	MATL	SPEC.

BOM Table (Restructured)

QTY	ORIGINAL DATE 08/05/07	PARTS LIST
NEXT ASSY (S)	DRAWN BY R. ROSANO	DART AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760) 724-5300 APICAL INDUSTRIES, INC. 0801 DART AEROSPACE ECT 145 CABLE CUTTERS KIT SEE DCAE CODE B 07N26 SCALE NONE SHEET 1 OF 10
	CHECKED BY D. BARBER	
	DESIGNED BY P. BRAVO	
	CONTRACT NO.	
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS .005 3 PLACE DECIMALS .001 ANGLES .5°	